

Bulletin No. 25 of 1939.

STATE OF SOUTH AUSTRALIA.

WHEAT PRODUCTIVITY CLASSIFICATION, 1938-39.

With a view to ascertaining the extent of acreage producing very high and very low returns of wheat per acre, all wheat farms have been classified according to their productivity per acre. The accompanying return sets forth comparative details for the three seasons 1936-37, 1937-38 and 1938-39.

In the following notes, the particulars for the previous season are shown in parentheses.

The total yield for 1938-39 was 31,674,418 (43,428,423) bushels averaging 10.28 (13.73) bushels per acre, and the Agricultural Areas Rainfall April-November was 10.00 (11.38) inches.

Of the 12,585 (13,063) farms in the State, 6,842 (9,760) or 54% (75%) harvested yields of 9 bushels and over, and 5,743 (3,303) or 46% (25%) yields of less than 9 bushels.

2,399 (4,152) farmers or 19.06 (31.78)% harvested 18 bushels per acre and upwards, producing 32.24 (46.64)% of the crop from 14.17 (28.75)% of the total area sown. 35.31 (42.93)% of the farmers harvested 9 and under 18 bushels and 45.63 (25.29)% less than 9 bushels per acre.

Of the 2,399 (4,152) farms with average yields of 18 bushels and over 1,222 (1,556) were in the Central Division, 880 (1,601) in the Lower North and only 297 (995) in the remaining four Divisions of the State.

Of the total 5,743 (3,303) farms under 9 bushels, the Murray Mallee and Western Divisions had 1,632 (790) and 1,536 (1,281) respectively. In these Divisions there were 689 and 340 under 3 bushels, 490 and 508 with 3-6 bushels, 453 and 688 with 6-9 bushels, and 440 and 795 with 9 bushels and over.

Divisions	WHEAT CROP		Wheat Farms with yields of -			
	Total Bush.	Av. per acre Bush.	Under 9 Bush. NO.	9-18 Bush. NO.	18 Bush. & over NO.	Total NO.
Central	6,911,067	14.64	860	1,562	1,222	3,644
Lower North	11,331,780	14.99	745	1,392	880	3,017
Upper North	1,641,270	5.75	874	197	85	1,156
South Eastern	584,328	15.01	96	149	120	365
Western	7,121,186	8.57	1,536	721	74	2,331
Murray Mallee	4,084,787	5.86	1,632	422	18	2,072
Total 1938-39	31,674,418	10.28	5,743	4,443	2,399	12,585
1937-38	43,428,423	13.73	3,303	5,608	4,152	13,063
1936-37	28,714,653	9.39	6,234	4,574	2,101	12,909
1935-36	31,615,744	10.58	5,369	4,720	2,698	12,787
1934-35	27,455,600	8.61	6,391	4,266	2,396	13,053

Average area of Wheat Crops per Holding - Central 130 (135), Lower North 251 (254), Upper North 247 (250), South Eastern 107 (108), Western 356 (348) and Murray Mallee 337 (324) acres, Total State 245 (242) acres. There were 1,645 (1,774) farms with less than 50 acres of wheat, and of these 743 (812) were less than 20 acres.

H. L. SEMMENS,

Statistical Office,
ADELAIDE.

ASST. GOVERNMENT STATIST.

27th September, 1939.

PRODUCTIVITY OF WHEAT AREAS - SOUTH AUSTRALIA.

Comparative analysis of the Productivity of Wheat Areas per acre for the seasons 1936-37, 1937-38 and 1938-39. Total average inches rainfall in Agricultural Areas (with April-November totals in parentheses) 1936 - 13.56 (10.00), 1937 - 16.33 (11.38), 1938 - 13.69 (10.00).

Production Groups	No. of Wheat Growers			Area of Crop			PRODUCTION		
	1936-37	1937-38	1938-39	1936-37	1937-38	1938-39	1936-37	1937-38	1938-39
	No.	No.	No.	Acres	Acres	Acres	Bush.	Bush.	Bush.
Under 3 bush.	1,903	456	2,127	541,903	107,149	570,517	901,115	193,524	967,156
3 & under 6	2,117	1,134	1,592	612,523	303,936	453,665	2,801,598	1,397,238	2,179,505
6 " " 9	2,214	1,713	2,024	583,972	467,751	590,523	4,451,493	3,477,081	4,632,615
9 " " 12	1,912	1,860	1,758	461,600	506,449	474,038	4,931,115	5,233,359	5,128,598
12" " 15	1,443	1,852	1,365	305,306	450,608	298,434	4,170,539	6,042,162	4,150,597
15" " 18	1,219	1,896	1,320	215,384	416,930	256,797	3,615,680	6,830,643	4,403,437
18" " 21	894	1,723	1,017	151,944	389,069	187,367	3,017,598	7,528,602	3,803,991
21" " 27	854	1,902	1,065	136,501	419,494	199,774	3,265,140	9,778,428	4,870,197
27" " 33	303	462	272	42,875	92,191	44,023	1,325,950	2,657,370	1,340,744
33 & up.	50	65	45	6,449	8,162	5,263	234,425	290,016	197,578
Total under 9 % to total	6,234 (48.29)	3,303 (25.29)	5,743 (45.63)	1,738,398 (56.84)	878,836 (27.79)	1,614,705 (52.42)	8,154,206 (28.40)	5,067,843 (11.67)	7,779,276 (24.56)
Total 9 to 18 % to total	4,574 (35.43)	5,608 (42.93)	4,443 (35.31)	982,290 (32.11)	1,373,987 (43.46)	1,029,269 (33.41)	12,717,334 (44.28)	18,106,164 (41.69)	13,682,632 (43.20)
Total 18 & up. % to total	2,101 (16.28)	4,152 (31.78)	2,399 (19.06)	337,769 (11.05)	908,916 (28.75)	436,427 (14.17)	7,843,113 (27.32)	20,254,416 (46.64)	10,212,510 (32.24)
GRAND TOTAL	12,909 (100.00)	13,063 (100.00)	12,585 (100.00)	3,058,457 (100.00)	3,161,739 (100.00)	3,080,401 (100.00)	28,714,653 (100.00)	43,428,423 (100.00)	31,674,418 (100.00)

H. L. SEMMENS,

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